THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXXI NUMBER 11

May 2025

EBARC Meetings

Next meeting: May 16, 2025

Unitarian Universalist Church Of Berkeley

Safir Room
1 Lawson Rd., Kensington, CA

Check your email for Zoom link.

The Executive Committee is currently meeting via Zoom on the Tuesday before the second Friday General Meeting.

Welcome EBARC Members to the fifth edition of the *Blown Fuse* for 2025. Please plan to join us at the meeting on May 16, 2025 at 7:00 PM in-person or on the Zoom Link.:

In addition to a Field Day planning discussion, we will have two "flash" talks, short introductory topics to potentially inspire more in-depth future presentations. Don NI6A will present on CW (Morse code) traffic nets on the HF bands and their relationship to the evolution of the American Radio Relay League (ARRL). Mathison KJ6DZB will present on fun things to do with SDR receivers (Software Defined Radio), devices that give you versatile capabilities to explore and tame the firehose of RF signals out there.

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is a service provided as part of membership. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Audrey Nieman W6BBQ

Deadline for June Issue is 5/29/ 2025.

Blown Fuse Back Issues

Blown Fuse Back Issues can be found on The Internet Archive, Use this link.

2024 & 2025 Coming Soon!!!
de KJ6DZB.

EBARC 2025 Working Inventory FOR SALE!
(Link Here)

April Hands-On Activity

President's Message

Last month's club meeting had a great turnout for the hands-on workshop using PAT running on a digiPI to fill and send ICS forms over the air. Howdy & Mathison, led two groups, thru seven possible tasks. The first being a simple location report, and the last ending with transmission of pictures over the Winlink network. I would like to continue to develop the asset to report information with ICS forms. The DigiPi platform provides utility for this and other ham radio tasks.

The club was contacted by Dick, W6GZG. After establishing contact, Jay determined that we could assist in the removal of his antenna and tower.

On April 29, Jay, Frans, and Mathison, removed the antenna and tower. The group made quick work of the tilt- over tower. Thanks to Jay, for taking the lead on this one! It's a real resource to the community. This club is unable to take on donated equipment but will pass on any offers or calls for assistance. Equipment Donations and Tower removal assistance may be available. A form is now available to contact the Club for assistance. It can be found on our club's website, under contact.

May's meeting will include discussion on Field Day, and activities with KARO-ECHO. The program will include, a short Demo of the Web-888 SDR by Mathison, and Don NI6A will make a presentation on CW traffic nets on the HF bands and their relationship to the evolution of the American Radio Relay League (ARRL).

73 Mathison KJ6DZB

Minutes of the April 2025 Meeting

By Jan Kuhl, AC5RB
Secretary

EBARC HYBRID MEETING APRIL 18, 2025
The Hybrid meeting was brought to order by President Mathison Ott KJ6DZB at 7:10 PM. The in-person meeting occurred at the Unitarian Universalist Church of Berkeley (UUCB) at 1 Lawson Road, Berkeley CA 94704-1015. The on-line meeting was held via the Zoom Internet. There were 14 members present and 7 on Zoom. Present were President Mathison, Vice President Howdy Goudey KE6BEE, Membership Chair, Karen Fenton, KK6ZPM, members Mike Camp KI7FQ, Tomas Lewis, KO6HWH, Robin Mitchell KN6CRP, Jay FentonKJ6WSS, Wesley Bruning N3URL, Carrie Joy KK6BKR, Jeff Miller KJ6RHF, Todd Teachout W8BIK, David Kim KK6IEI, Craig Hauger KI6EMD and Maria HaugerKI6ENT. On Zoom were Treasurer Audrey Nieman W6BBQ, Secretary Jan Kuhl AC5RB, members Alvin Todd KK6UQX, Robin Spalding N6RLS, Sara Klebanoff KO6IBI, and Lorraine Schnurr KN6CRT.
ANNOUNCEMENTS-President Mathison reported the box antennas building event will be October/ November. The program will depend on what people would like to do at this DIY event.
Marconi Day April 26: A National Bell event at Bolinas or Point Reyes. Operating information will be in a link in the Blown Fuse.
Check out how to log in for Field Day. There will be a link in the Blown Fuse.
Karen announced a Point Richmond food expo.
April 18 is the anniversary of the San Francisco Earthquake, 119 years ago.
There have been updates to our website. Check out the Events page and the old Field Day pictures. Mathison has scanned all the pictures, looking back over the club's history. He is working on links to club archives and photo galleries.
Pizza Night
Jan invited EBARC and Karo Echo to the CCCC Pizza night to be held May 14, 5-7 PM. Drop in at Mountain Mikes on Fitzgerald in Pinole (by Lucky's). Text Jan or contact her on the radio nets if you plan to attend so we can give a count of participants to the Pizza place. Everyone is welcome.
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TREASURER'S REPORT See the report in the Blown Fuse. She noted that equipment and liabilities insurance premiums and IRS taxes have been paid.
TECH REPORT- Howdy has been working on Win Link to set up the demo for this evening. Karen said she has been looking forward to tonight's hands- on activity. She said that it would be nice for EBARC to be known as a training club for new members.
FIELD DAY- There was a discussion about working with Karo Echo again this year. Field Day will be June 28-29, 2025.

MIDDLE SCHOOL CLASS-John Evans KO6FCY has been working with his students in the After-School program at Helms Middle School. Also, there are plans to set up a teachers' academy, for Ham radio training resources. Karen has an FRS group, and is working on scouts, El Cerrito High, and, perhaps, Contra Costa College. Field day is a great opportunity to come out and see and learn and participate.

BREAK

PROGRAM
There were three stations set up to demo WinLink. There was a path program with two systems to set up with computer, phone, laptop or iPad. Digi time messages are linked to call signs, so participants were instructed not to use their own call signs. Messages can also be read by or connected to multiple people at one time. The section based at the same time will download what's waiting.
After a while, Howdy announced everyone had a chance to succeed in sending/receiving messages.

Meeting adjourned 9:30
Respectfully Submitted
Jan Kuhl, Secretary

Antenna and Tower Removal

Field Day 2019

Field Day 1983 at Hilltop

Field Day 2020

Treasurer's Report
As of 5/13/2025

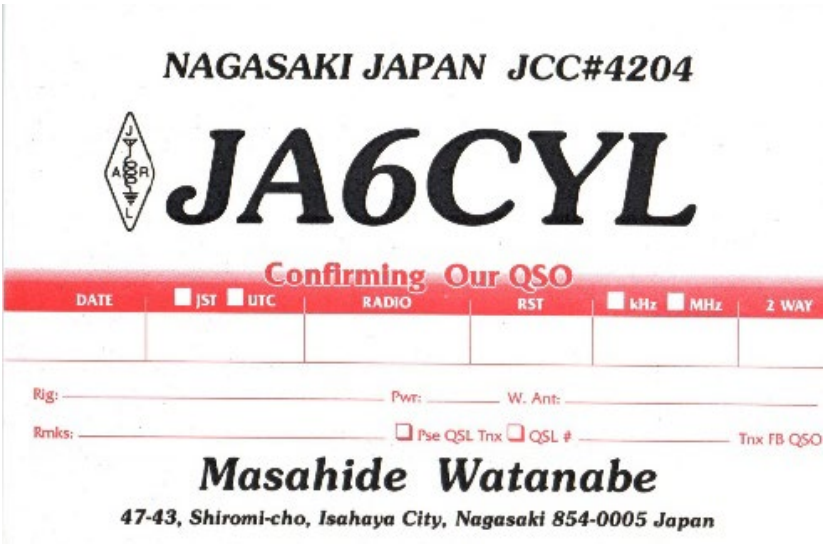
Balance Forward	**$**	**12715.73**
Income:		
Deposit 4/14/25		**35.00**
Deposit 5/13/25		**35.00**
Interest April:		**.10**
Disbursements		
Ck 1308 Mathison storage containers		**225.72**
New Balance	**$**	**12560.11**

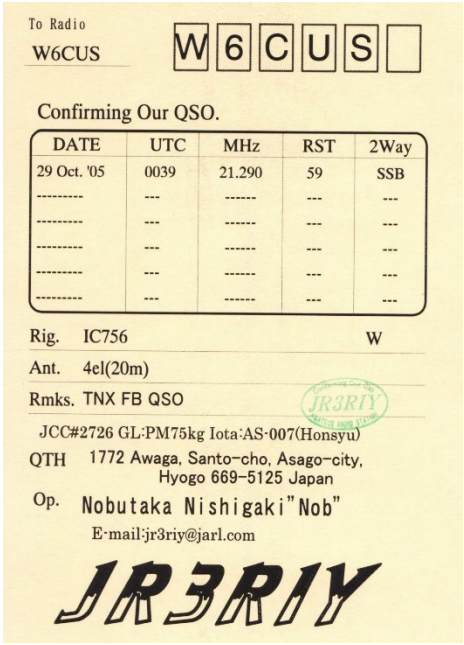
Membership
Individual ($35/year)
Family ($45/year)
K-12 Student ($10/year)
Class Comp (Free/rest year)

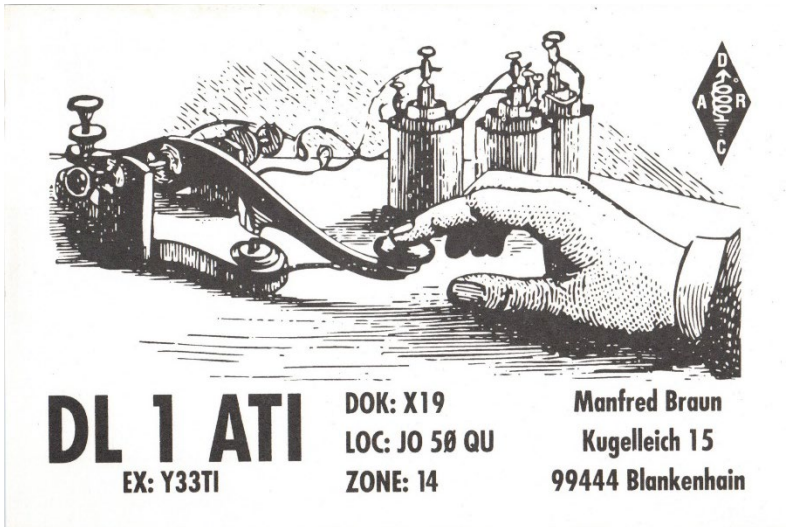
Annual calendar year membership dues are pro-rated QUARTERLY for NEW members joining the club within a particular quarter: 1) Jan - Mar $35) Apr - June $25.20) Jul - Sep $17.50) Oct - Dec $8.75)

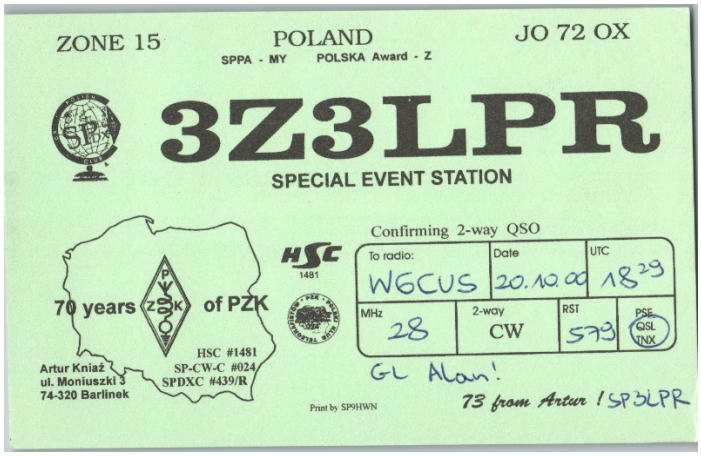
Membership Application is on the website https://www.qsl.net/w6cus/index.html

QSL cards from 50 years of EBARC Contacts


NAGASAKI JAPAN JCC#4204
JA6CYL
Confirming Our QSO
DATE JST UTC RADIO RST kHz MHz 2 WAY
Rig: Pwr: W. Ant:
Rmks: Pse QSL Tnx QSL # Tnx FB QSO
Masahide Watanabe
47-43, Shiromi-cho, Isahaya City, Nagasaki 854-0005 Japan







25 Years Ago: May 2000

Club Station Report
Ralph Hall, W6EFD
It is always good to be able to report to the membership that all is well at the club station, thanks to our club members. As usual, in times of need, some club member comes forward with a solution to a seemingly difficult problem. Most recently, John Wood, KF6HFA, provided us with a long-term 220 MHz loaner XCVR for use as a backup for the club's packet BBS. (All incoming bulletins, messages, etc. are received on 220 MHz and, if the club's only 220 MHz XCVR should fail, the BBS would be effectively down until repairs could be made.) John's loaner has been mounted in the BBS cabinet and a necessary wiring harnesses made up, ready to go if needed. PROBLEM SOLVED by a club member! We even ran the loaner for some two weeks to verify its dependability.

50 Years Ago: May 1975

YOUR LICENSE PLEASE
Ernest Matsuoka D e Tyler
T. Franco
R. Guggenheim
From the MICROVOLT (Utah Amateur Radio Club), via ARNS
An enterprising con man has devised a new scheme for procuring radio equipment. He stops cars with antennas, identifies himself as being from the FCC, and asks to see the operator's license. Most of those stopped are unlicensed outlaws on the Citizens Band. When they cannot produce licenses, he explains that the equipment will have to be confiscated. In most cases the operator gladly turns over the set, being happy to get off without fines, jail terms etc. And the con man adds another CB rig to his collection. It is unlikely that amateurs would fall for this hoax. The Microvolt advises everyone, nevertheless, to carry the original of your operator's license with you whenever you operate mobile.

PENDING ITEMS

- Website Update
- Photo Galleries
- Completion of Member Survey
- Sale of Working Inventory

- Please take the club survey If you haven't Already **(LINKHERE)**

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone with an amateur radio license. Annual dues are $35 for individual membership, $45 for family membership, and $10 for students K-12. For information, send email to ebham.office@gmail.com, contact any EBARC officer, see Web page *www.ebarc.org*, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. You can also follow us on Twitter using @w6cus, or on Facebook's "East Bay Amateur Radio Club."

2025 East Bay Amateur Radio Club Executive Committee

Mathison Ott, KJ6DZB, President	510-701-0234
Jan Kuhl, AC5RB, Secretary	510-846-3829
Howdy Goudey, KE6BEE, 1st VP / Program Chair	510-684-9097
Karen Fenton, KK6ZPM, 2nd VP/ Membership	510-701-7443
Audrey Nieman, W6BBQ, Treasurer / Finance Chair	510-682-7938

2025 EBARC's Other Committee Heads and Contacts

Blown Fuse Editor: Audrey Nieman, W6BBQ 510-682-7938
W6CUS Trustee Chris Harwood 510-332-7383
Webmasters: Chris & Isaac Harwood 510-332-7383

Upcoming Activities & Events

Events	Time & Days	INFO
General Meeting	May 16th	
ARRL Digital Contest	Jun 7-8th	(INFO) (LOG)
General Meeting	June 20th	
ARRL Field Day June	June 27*-28-29	
General Meeting	July 18th	
General Meeting	August 15th	
Pacificon 2025	Fri Oct 10 -12	(MORE INFO)
California QSO Party	Oct4 1600- Oct5 2200 UTC	(RULES)
General Meeting	November 21st	
ARRL CW Sweepstakes	11/2 - 11/4	(INFO)
General Meeting	December 19th	
Holiday Party	TBD	

More Contest info at https://www.contestcalendar.com
And at https://www.arrl.org/contest-calendar

Bay Area & U.S. Amateur Radio Nets:

Net	Days	Time PST	Repeater	INFO
Over the Hill Commuter CCCC	Mon-Fri	7:10pm	WA6KQB (system)	RX: 145.110MHz TX:-600kHz CTCSS: 82.5Hz RX:444.275MHz TX:+5MHz CTCSS:82.5Hz RX:224.3MHz TX:+4MHz CTCSS:82.5Hz EchoLink: 184423 / AllStar: 529990 /
Insomniac Net WIN SYSTEM on LPRC	Mon-Sun	10pm	WR6ABD	RX:442.900 TX:+5MHz CTCSS:162.2
W1AW CW Practice (LINK)				1.8025, 3.5815, 7.0475, 14.0475, 18.0775, 21.0675, 28.0675, 50.350, 147.555 MHz, EchoLink: 501433
W1AW Digital Bulletins (LINK)				3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095, 50.350, 147.555 MHz.
W1AW Voice Bulletins (LINK)				1.855, 3.99, 7.29, 14.29, 18.16, 21.39, 28.59, 50.350, 147.555 MHz.
MidCars (LINK) eastern USA	Mon-Sun	5:30-11AM		7.258 LSB
NorCAL DMR Net TG31068	Mon	7:30pm	W6PW	UHF RX:444.225MHz TX:+5MHz CC1 WA6BAY, W6PW, K6LNK, N6AMG, WB6ECE, W6CX
NorCAL DMR Net TG31068	Mon	7:30pm	W6CX-DV	W6CX-DV RX:145.000 TX:+2.5MHz CC:1 (MORE INFO)
CCCC 220 Net	Tues	7:30pm		RX:224.3MHz TX:+4MHz CTCSS:82.5Hz
MeshPhone Conference Call N2NM	Mon	7:30pm	BAM PBX	Mesh phone 78- 973-2193
Loma Pioneer Radio Club LPRC	Tues	8pm	WR6ABD	RX:146.640MHz TX:-600kHz CTCSS:162.2kHz
ORCA Noon time Net	Tues	12noon	WB6NDJ	RX:146.880MHz TX:-600kHz CTCSS:77kHz RX:442.4MHz TX:+5MHz CTCSS:77kHz EchoLink: 270352 / AllStar: 47154 / IRLP: 3115
Marin County RACES HF NVIS NET	Tues	6pm		3.895, 5.405 (ch5) USB / 7.228 LSB / 40m (JS8)
UC Berkeley ARC W6BB	Wed	7:30PM	WA6ZTY	RX:442.275MHz TX:+5MHz CTCSS:103.5Hz (Echo Link KJ6DZB-L) (Allstar NODE 59521)
UC Berkeley ARC W6BB (Echo Link)	Wed	7:30PM	KJ6DZB-L	KJ6DZB-L
San BrunoARC	Wed	8:30pm	simplex	7.27mhz & 46.595MHz FM
WC EMCOMM Net	Thu	1845	WA6KQB	WA6KQB (system)
Mt Diablo MDARC	Thu	7:30pm	W6CX	RX:147.060MHz TX:+600kHz CTCSS:100Hz
CCCC Evening Net	Thu	1930	WA6KQB	WA6KQB (system)
Co Co County HF EmComm Net	Thu	6pm		7.213MHz (+/- QRM) LSB
Co Co County HF EmComm Net	Thu	6:15pm		5.346.5MHz USB (ch. 2) or 5.357Mhz (Ch. 3)
Co Co County HF EmComm Net	Thu	6:30pm		3.893MHz (+/- QRM) Alternative 3.888MHz LSB
KARO/ECHO EMCOMM NET	Thu	7pm		Simplex 146.415MHz
NALCO ARES Net	Thu	7:15pm	N6BRK	RX:147.255MHz TX:+600kHz CTCSS:123kHz RX:440.900MHz TX:+5 TX:+5MHz CTCSS:131.8.5KHz
Oakland RCA Net	Thu	7:30pm	WB6NDJ	WB6NDJ (system)
W6CX-ATV Net	Thu	8pm	W6CX-ATV	1244.50MHz DVB-S2 (MORE INFO)
Bay Area EMCOMM Net	Sat	9:00am	WA6KQB	WA6KQB (system)
San Francisco ARC W6PW HF net	Sat	9am	simplex	14.328MHz USB
CCCC WC Net	Sat	9:15am	WA6KQB	WA6KQB (system)
Bay Area Comm Net	Sat	9:30am	WA6KQB	WA6KQB (system)
Cert FL Digi Net	Sat	10am	WA6KQB	WA6KQB (system)
The Bay Area NVIS Net	Sat	8am		3.890MHz LSB
Slow Scan TV SSTV (MORE INFO)				145.500 MHz, 145.600MHz, 144.550MHz, 145.800MHz
U.S. Packet	27/7	27/7	wide1-2	1200bps 144.390MHz
Satellite Packet	Status	Status	NA1ISS	1200bps 145.825MHz
NA1ISS Cross-Band Repeater	Status	Status		Up: 145.990MHz CTCSS:67Hz Dow: 437.800MHz

-High Speed Microwave Data Network-	-INFO-
Bay Area Mesh (AREDN)	More INFO /Bay Area Node Map
-WINLINK NODES-	-INFO-
WA6KQB-10	441.500MHz 1200bps & VARA FM wide
KC6SSM-10	145.630MHz
W6ECK-10	441.500MHz packet (local mailbox W6ECK-1)
W6ECK-10	145.630 VARA (local mailbox W6ECK-1)
KI6DOG-10	144.910 packet (Oakland)
K2YE-10	144.910 packet (Oakland)
K6VOM-11	145.630 packet or VARA (San Leandro)

Note: Please send suggestions or modifications to KJ6DZB

DX peditions:

5R8TT 5R8XX Madagascar

5R8TT 5R8XX Team will be active from Madagascar, October - November 2025.

Currently Active

H44MS Solomon Islands
4S7KKG Sri Lanka
V26MN Antigua
VP2MMN Montserrat Island
JG8NQJ/JD1 Marcus Island Minami Tori Shima Islands
8J1RL Showa Research Station
6W7/ON4AVT Warang Senegal
OX3LX Greenland
FT4YM Antarctica
RI1ANE Progress Station Antarctica
7Q2T Malawi
VK9CU Cocos Keeling Islands
D68Z Comoro Islands

More DX Peditions info at https://dxnews.com/dxpeditions/

EBARC 2025 Working Inventory

(Link Here)

ITEM	Description	Make	Offer Price
1	Military floodlight mast: 6230-386-8939	Fabricators Inc.	250
2	Antenna poles for tops of crank-up masts		15
3	di-pole w/long coax attached		20
4	di-pole approx. 60' w/inductor		20
5	di-pole w/ window line		20
6	di-pole w/coax		20
7	di-pole w/silver coax		20
8	300W dummy load	MFJ	20
9	Coax without ends -10' to 20'	Belden	10
10	Coax 100'		50
11	Astron RS-12A power supply	Astron	40
12	Astron RS-20A power supply	Astron	50
13	Astron SS-30 power supply-30 amp 13.8v	Astron	50
14	Astron RS-20A power supply	Astron	50
15	Astron RS-35A power supply	Astron	50
16	MFJ-989C Versa Tuner antenna tuner	MFJ	50
17	AC Extension Cords		50
18	4:1 HF Balun (new)	Comtek	20
19	CAT Control Unit	Yaesu	free
20	foot switch		5
21	1000W dummy load	MFJ	20
22	HyGain-IV/CD-45-II antenna rotator Controller	Telex	60
23	HyGain Rotor controller & manual	HyGain	60
24	Iambic The Ultimater Chrom paddle keyer	Bencher	
25	Signal Corp US Army Type J-36 keyer	Vibroplex	
26	MFJ 8044 electronic keyer	MFJ	
27	Daiwa CN-801 SWR power meter	Daiwa	70
28	Anderson Powerpole connectors BOX	Anderson	10
29	desk lamp		10
30	ICOM 208H transceiver w/mic	ICOM	120
31	Ameritron AL 80A amplifier	Ameritron	500
32	ICOM 738 xcvr, mic, manual, CAT cable	ICOM	120
33	ICOM IC-738	ICOM	120
34	MFJ Versa Tuner II (949?)	MFJ	20
35	Kenwood TS-440S transceiver	Kenwood	120
36	Coax 200' + spool (with connectors)		150
37	ICOM 821H_UHF?VHF transceiver w/box & mic	ICOM	500
38	Heathkit oscilloscope	Heathkit	10
39	Freestanding Voltmeter	Triplett	
40	Freestanding Amp Meter	Weston	

41	Probe		
42	Orphan Meter-Parts bin item	Simpson	
43	Manual & probes for Tek465 Oscilloscope		
44	Tektronix 465 oscilloscope, manual, & probes	Tektronix	60
45	LCD AV projector & remote	Epson VS355	100
46	RigExpert portable Antenna analyzer	RigExpert	415
47	Tri band +40 meter Yagi (in case)	Cushcraft	50
48	AS-10 # band Yagi (in box) ?HF?	Astron? Hy-Gain?	50
49	Coax cable 100' RG-213		75
50	ground rod 10'		20
51	Rope		free
52	Includes 4 Coax: 100', 25',3',3'		
53	Box of generator supplies		free
54	Generator, gas	5000 Pwr Plus	450
55	Generator Power Cords		50
56	Fire Extinguisher, ABC	Amerex	45
57	Fire Extinguisher, ABC	Amerex	45
58	Fire Extinguisher, ABC	Amerex	45
59	Fire Extinguisher, ABC	Amerex	45
60	Fire Extinguisher, ABC	Amerex	45
61	Stakes, Pipe, Rebar		20
62	Fence posts		
63	1"x1/2"x8' Wood Strip		
64	2-room tents		30
65	tables 8' plastic folding		7
66	Table 3' x 3'		7
67	Folding Chairs fabric		5
68	Folding Chairs Metal (red cross sticker)		1

END